

Claims

1. Method for detecting combustion misfires in internal combustion engines on the basis of an evaluation of segment times wherein a shaft of the engine passes over predetermined angular segments, characterized in that:

5           the position of the angular segments relative to a reference point of the movement of the pistons of the engine and/or  
              the angular expansion of the angle segments is dependent upon at least one operating parameter of the engine.

2. Method of claim 1, characterized by a dependency upon load and/or rpm of the engine.

3. Method of claim 1 or 2, characterized by a dependency upon rpm of the engine.

4. Method of claim 2 or 3, characterized in that the dependency upon position and/or the length of the angle segment is dependent additionally upon the direction of the change of at least one operating parameter (hysteresis).

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